

Application of: Hu et al. Appl. No.: 09/219,442 Filed: December 23, 1998

Title: Vascular Endothelial Growth Factor 2

Docket No.: PF112P2D1 Replacement Sheet

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360 180 240 120 300 9 凶 CCAACCTCAACTCAAGGACAGAAGAGACTATAAAATTTGCTGCAGCACATTATAATACAG GGTTGGAGTTGAGTTCCTGTTCTCTCTGATATTTTAAACGACGTCGTGTAATATTATGTC AGGAGCAGTTACGGTCTGTGTCCAGTGTAGATGAACTCATGACTGTACTCTACCCAGAAT TCCTCGTCAATGCCAGACACAGGTCACATCTACTTGAGTACTGACATGAGATGGGTCTTA ATTGGAAAATGTACAAGTGTCAGCTAAGGAAAGGAGGCTGGCAACATAACAGAGAACAGG TAACCTTTTACATGTTCACAGTCGATTCCTTTCCTCCGACCGTTGTATTGTCTCTTGTCC CGCTGCTCCCGGGTCCTCGCGAGGCGCCCGCCGCCGCCGCCGCCTTCGAGTCCGGACTCG GTCCTTCCACCATGCACTCGCTGGGCTTCTCTCTGTGGCGTGTTCTCTGCTGCCGCTG Ы ш Z, 山 Ø Ö Д ĸ × Ц S 口 ᆸ 闰 耳 ß ø ن Н Ø Ø Ø Σ 3 ď G ₽ > Ø 团 G S Ø ø 団 \Box ſΞι Þ α G > ш ø Ŋ 口 Ø G Ø Ω S Ы 口 ĸ \triangleright $^{\circ}$ S ഗ \bowtie Ξ Д \mathbf{z} Ç K \mathbf{z} 口 Ø 口 臼 3 241 301 121 181

FIG. 1A

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540 420 480 009 099 AACCAGTAACAATCAGTTTTGCCAATCACACTTCCTGCCGATGCATGTCTAAACTGGATG GTATAGATGTGGGGAAGGAGTTTGGAGTCGCGACAAACACCTTCTTTAAACCTCCATGTG CATATCTACACCCCTTCCTCAAACCTCAGCGCTGTTTGTGGAAGAAATTTGGAGGTACAC TGTCCGTCTACAGATGTGGGGGTTGCTGCAATAGTGAGGGGGCTGCAGTGCATGAACACCA ACAGGCAGATGTCTACACCCCCAACGACGTTATCACTCCCCGACGTCACGTACTTGTGGT \times TTGGTCATTGTTAGTCAAAACGGTTAGTGTGAAGGACGGCTACGTACAGATTTGACCTAC Д G 凶 Д Ø × ß Σ Ţ, Ø Ö ĸ H Z 臼 ပ Ś ß α Ø [1] Z 3 > \mathcal{O} 出 闰 G ပ Z Ŀ Ö Д Ш G × \bowtie Ö S Ö 召 S > S

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FIG. 1B

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720 780 900 960 Ŏ TCCGTCGCTTGTTCTGGACGGGGTGGTTAATGTACACCTTATTAGTGTGTAGACGTCTACGG AAATGTCTGTTCAAGTAAGGTAATAATCTGCAAGGGACGGTCGTTGTGATGGTGTCACAG TGGCTCAGGAAGATTTTATGTTTTTCCTCGGATGCTGGAGATGACTCAACAGATGGATTCC ACCGAGTCCTTCTAAAATACAAAAGGAGCCTACGACCTCTACTAGGTTGTCTACCTAAGG ATGACATCTGTGGACCAAACAAGGAGCTGGATGAAGAGACCTGTCAGTGTGTCTGCAGAG TACTGTAGACACCTGGTTTGTTCCTCGACCTACTTCTCTGGACAGTCACACAGACGTCTC GCCCCGAAGCCGGACGGTCGACACCTGGGGTGTTTCTTGATCTGTCTTTTGAGTACGGTCA TTTACAGACAAGTTCATTCCATTATTAGACGTTCCCTGCCAGCAACACTACCACAGTGTC AGGCAGCGAACAAGACCTGCCCCACCAATTACATGTGGAATAATCACATCTGCAGATGCC CGGGGCTTCGGCCTGCCAGCTGTGGACCCCACAAAGAACTAGACAGAAACTCATGCCAGT α Ø Ö α Ö Ö z \Box 3 G \mathbf{z} 臼 α Д 二 \Box ĸ Z S П Д 团 S Ç Д × വ Ö $\mathbf{\Xi}$ z S \mathbb{H} G Ø Z Ö 臼 841 661 721 781

FIG. 1C



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1200 1020 1080 Ø TTACACGGACACTTACATGTCTTTCAGGTGTCTTTACGAACAATTTTCCTTTCTTCAAGG TGGTGGTTTGTACGTCGACAATGTCTGCCGGTACATGCTTGGCGGTCTTCCGAACACTCG CAGGATTTTCATATAGTGAAGAAGTGTGTCGTTGTGTCCCTTCATATTGGCAAAGACCAC GTCCTAAAAGTATATCACTTCTTCACAGCAACACAGGGAAGTATAACCGTTTCTGGTG GTGTCTGTAAAAACAAACTCTTCCCCAGCCAATGTGGGGCCCAACCGAGAATTTGATGAAA CACAGACATTTTTGTTTTGAGAAGGGGTCGGTTACACCCCGGTTGGCTCTTAAACTACTTT z TGTGTACGGTCACACATACATTTTCTTGGACGGGGTCTTTAGTTGGGGATTTAGGACCTT AATGTGCCTGTGAATGTACAGAAAGTCCACAGAAATGCTTGTTAAAAAGGAAAGAAGTTCC ACCACCAAACATGCAGCTGTTACAGACGGCCATGTACGAACCGCCAGAAGGCTTGTGAGC ACACATGCCAGTGTATGTAAAAAAACCTGCCCCAGAAATCAACCCCTAAATCCTGGAA G ΕŢ 团 ш щ × z ᆸ × G ĸ Д × Ø Z Ø ď z Ж \circ Дı Д Ø Ø ĸ S Н Д ĸ S 跘 Д 冝 Ľ \bowtie C Д Ö H S C × Z \circ 团 \mathcal{O} × Ö Ø Ŏ ی \mathcal{O} ø 工 1021 1081 961

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1620 1674 1440 1500 1560 1320 1380 AACACTAAAGAAATTTTCTTACTGATATATTAAATAAAGGTGATTTTTATAACAAAGACG ATTCATTTTTATAGCAACAACAATTGGTAAAACTCACTGTGATCAATATTTTTATATCAT TAAGTAAAAATATCGTTGTTGATCCATTTTGAGTGACACTAGTTATAAAAATATAGTA ACGGTGTCATCTTGACAGACACTTGTCTCTGGGAACACCCCAGGTACGATTGTTTCTGT AAAGTCTGTCTTTCCTGAACCATGTGGATAACTTTACAGAAATGGACTGGAGCTCATCTG GTTTTCCGGAGAACATTTCTGACCAAAAGACGGTTACTGGTTTGTCGGTTCTAAAAGGAG TGCCACAGTAGAACTGTGTGAACAGAGAGACCCTTGTGGGTCCATGCTAACAAAGACA TTTCAGACAGAAAGGACTTGGTACACCTATTGAAATGTCTTTACCTGACCTCGAGTAGAC CAAAAGGCCTCTTGTAAAGACTGGTTTTCTGCCAATGACCAAACAGCCAAGATTTTCCTC TTGTGATTTCTTTAAAAGAATGACTATATAATTTTATTTCCACTAAAAATATTGTTTCTGC AAATGAGCTAAGATTGTACTGTTTTCCAGTTCATCGATTTTTCTATTATGGAAAACTGTGT TTTACTCGATTCTAACATGACAAAAGGTCAAGTAGCTAAAAAGATAATACCTTTTTGACACA S 1561 1441 1501 1321



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H K E L D R N S C Q C V C K N K L F P CCAATGTGGGGCCAACCGAGAATTTGATGAAAACATGCCAGTGTGTAAAAG Q C G A N R E F D E N T C Q C V C K R CTGCCCCAGAAATCAACCCCTAAATCCTGGAAAATGTGCTGTGAAAGG CTGCCCCAGAAATCAACCCCTAAATCCTGGAAAATGTGCTGTGAAAGG C P R N Q P L N P G K C A C E C T E S ACAGAAATGCTTGTTAAAAGGAAAGAAGTTCCACCACAACATGCAGCTGTTACAG Q K C L L K G K K F H H Q T C S C Y R GCCATGTACGAACCGCCAGAAGGCTTGTGAGCCAGGATTTTCATATAGTGAAGAAGTTTTTTTT	
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